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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Chan-Soo HWANG et al.                      Group Art Unit: 2682  
Serial No.: 10/771,494                                      Docket: 678-1272  
Filed: February 4, 2004                                      Dated: January 3, 2005  
For: APPARATUS AND METHOD FOR  
TRANSMITTING/RECEIVING DIFFERENTIAL  
STBC USING CHANNEL POWER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to Applicants' continuing duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. A copy of each reference is attached hereto.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 3, 2005.

Dated: January 3, 2005

  
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Paul J. Farrell



The filing of this Supplemental Information Disclosure Statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

To the best of Applicants' knowledge, this Supplemental Information Disclosure Statement is being filed before the date of mailing of a first Office Action in connection with this case.

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,

Paul J. Farrell

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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
678-1272SERIAL NO.  
10/771,494APPLICANTS  
Chan-Soo HWANG et al.INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTFILING DATE  
February 4, 2004GROUP ART UNIT  
2682

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 02/052773	7/4/2002	PCT			X	

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		1.	Tao et al., "Differential Space-Time Block Codes", 2001 IEEE, pp. 1098-1102.
		2.	Diggavi et al., "Differential Space-Time Coding for Frequency-Selective Channels", 2002 IEEE, pp. 253-255.

EXAMINER	DATE CONSIDERED
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-